

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY S.H.A.		
ITEM NO.	DESCRIPTION	QUANTITY
9037	Cabinet "G" type - pole mount	1 EA
9042	Controller ASC II	1 EA
9570	Sheet aluminum signs to consist of:	7.5 SF
	S5-2 "END SCHOOL ZONE" sign, (30" x 36") ground mounted.	1 EA
9571	Sheet aluminum signs to consist of:	12 SF
	S1-1 "SCHOOL (Symbolic)" sign, (36" x 36") pole mounted.	1 EA
	S4-3 "SCHOOL" sign, (12" x 36") pole mounted.	1 EA

EQUIPMENT LIST (CONT.)

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR		
ITEM NO.	DESCRIPTION	QUANTITY
1001	Maintenance of traffic per assignment.	1 EA
2001	Class 2 Excavation.	5 C.Y.
2002	Test Pit Excavation	1 C.Y.
6002	Standard type A combination curb and gutter 12" gutter pan 8" depth.	35 L.F.
6004	4" concrete sidewalk.	150 S.F.
8011	Furnish and install 12" vehicular traffic signal head section	2 EA
8020	Furnish and install control and distribution equipment (120/240 V, 1 phase 3 wire system).	1 EA
8030	Furnish and install breakaway pedestal pole (14').	1 EA
8047	Remove and dispose of existing foundation 12" below grade.	1 EA
8048	Remove and dispose of existing material and equipment per assignment.	1 EA
8057	Furnish and install concrete for signal foundation.	1 C.Y.
8060	Furnish and install No. 6 AWG stranded bare copper ground wire.	15 L.F.
8072	Furnish and install electrical handhole.	1 EA
8075	Install overhead sign.	12 S.F.
8079	Furnish and install connector kit - Type 2.	2 EA

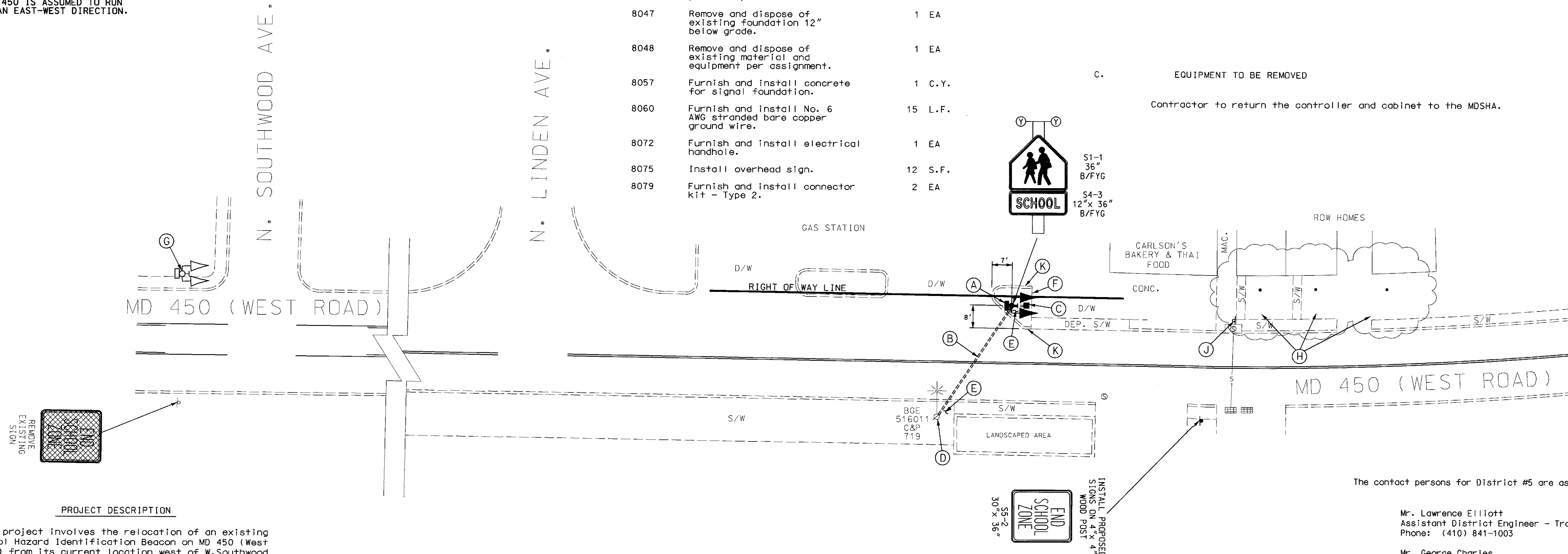
EQUIPMENT LIST (CONT.)

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR		
ITEM NO.	DESCRIPTION	QUANTITY
8080	Furnish and install ground rod - 5/4" x 10'.	1 EA
8083	Furnish and install electrical cable - 3 conductor (No. 14 AWG).	30 L.F.
8091	Furnish and install 2" schedule 80 rigid polyvinyl chloride - trenched	15 L.F.
8092	Install controller and cabinet pole mount.	1 EA
Neg.	Remove ground mounted sign.	2 EA
Neg.	Furnish and install 1-4 and 1-2" schedule 80 rigid polyvinyl chloride conduit - slotted.	45 L.F.

C. EQUIPMENT TO BE REMOVED

Contractor to return the controller and cabinet to the MDSHA.

MD 450 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.



PROJECT DESCRIPTION

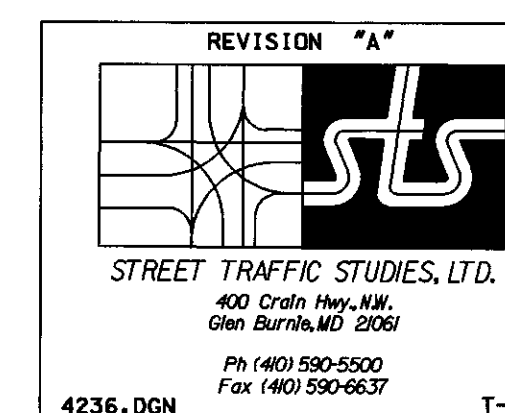
This project involves the relocation of an existing School Hazard Identification Beacon on MD 450 (West Road) from its current location west of N. Southwood Avenue to a location east of N. Linden Avenue.

MD 450 is assumed to run in an East-West direction.

CONSTRUCTION DETAILS

- Install 14' steel pole with breakaway transformer base, traffic signal heads, sign and control and distribution (Note: 1-2, polyvinyl chloride (schedule-80) trenched).
- Install 1-2" and 1-4" polyvinyl chloride conduits (schedule-80) in same slot for electrical and telephone service.
- Install handhole with 2" polyvinyl chloride stub into pole base.
- Install 1-4" and 1-2" bend at wood pole base for electrical and telephone service.
- Remove existing concrete sidewalk (entire area) and replace after the installation of the proposed signal equipment.
- Sawcut existing macadam / concrete surface beginning at curb & gutter joint and continuing to curb in parking lot.
- Remove existing Hazard Identification Beacon.
- Existing trees to be trimmed as needed by District 5 forces.
- Remove existing S1-1 ground mounted sign.
- Remove existing curb and gutter and replace in kind.

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A - A
ELECTRIC	E - E
TELEPHONE	T - T
GAS	G - G
SEWER	S - S
WATER	W - W
CABLE TV	TV - TV



REVISIONS		APPROVALS	
REVISION "A"		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
		ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		DIRECTOR, TRAFFIC & SAFETY	
(A)	10-28-02 RELOCATE EXISTING WB H.I.B. SHA NO.: XX1065485		
RRZ			

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 450 AND WOODLAWN AVE.
(FROM WOODLAWN AVE. TO N. LINDEN AVE.)

DRAWN BY: SR BARANOWSKI	F.A.P. NO. 2534A	TS NO. 2534A	SHEET NO. 1 OF 1
CHECKED BY: RR ZACHERL	S.H.A. NO.	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. F284
SCALE: 1" = 20'	DATE: 12-13-89	LOG MILE: 02045011.28	